```
Set     Items   Description
S1      1594    (STORE? OR STORING OR TRACK? OR SAVE? OR KEEP? OR FORWARD?)
                (N5) ((TRANSACTION? OR PURCHAS?) (N4) (INFORMATION? OR DATA))
S2      1215    (SAME? OR ONE OR SINGLE?) (N3) SERVER?
S3       500    (INTERNET? OR WWW OR WORLD?(N2)WEB? OR ONLINE? OR ON()LINE-
                ?) (N3) (MALL? OR SHOPPING? OR ORDER? OR PURCHAS? OR SALE? OR
                PRODUCT?(N2)SELECT?)
S4     11021    (SUGGEST? OR RELAT? OR SIMILAR?) (N4) (ITEM? OR PRODUCT? OR
                MERCHANDISE?)
S5         0    S1 (S)S2 (S)S3
S6         6    S1(S)S3
S7         3    S1(S)S2
S8         0    S6 (S)S4
S9         1    S1 AND S2 AND (INTERNET? OR WWW OR WORLD?(N2)WEB OR ONLINE?
                OR ON()LINE?)
S10        1    S1(S)S2(S) (INTERNET? OR WWW OR WORLD?(N2)WEB? OR ONLINE? -
                OR ON()LINE?)
S11       13    S1 AND S3
S12        4    S1 AND S2
```

DIALOG(R)File 350:Derwent

012448676   **Image available**
WPI Acc No: 1999-254784/199921
 Data management service provision over the Internet
Patent Assignee: BARRY B R (BARR-I); CHODORONEK M A (CHOD-I); DEROSE E
   (DERO-I); GONZALES M N (GONZ-I); JAMES A R (JAME-I); LEVY L (LEVY-I);
   TUSA M (TUSA-I); REILLY B B (REIL-I)
Inventor: BARRY B R; CHODORONEK M A; DEROSE E; GONZALES M N; JAMES A R;
   LEVY L; TUSA M
Number of Countries: 025 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9915960	A2	19990401	WO 98US20136	A	19980925	199921	B
AU 9896671	A	19990412	AU 9896671	A	19980925	199934	
EP 1015970	A2	20000705	EP 98950689	A	19980925	200035	
			WO 98US20136	A	19980925		

Priority Applications (No Type Date): US 9760655 A 19970926
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
WO 9915960	A2 E 195	G06F-009/455	

   Designated States (National): AU BR CA JP MX SG
   Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
   MC NL PT SE

AU 9896671	A	G06F-009/455	Based on patent WO 9915960
EP 1015970	A2 E	G06F-009/455	Based on patent WO 9915960

   Designated States (Regional): BE CH DE FR GB IE IT LI NL SE

Abstract (Basic): WO 9915960 A2
     NOVELTY - Application servers receive data transactions from a
   dispatch server for processing and forwarding response transactions
   back to one or more client applications for presentation to the
   customer via the dispatch server and secure servers. The customer is
   enabled at the customer site to request and receive the data management
   services from the enterprise the customer's entitlements in a secure
   Internet -based computing environment.
     DETAILED DESCRIPTION - The integrated data management system
   includes a user interface executable in a customer workstation located
   at the customer site to authenticate the customer's access to the
   integrated data management system. The user interface further presents
   one or more data management services according to a customer
   entitlement for the customer to select. One or more client applications
   represent the one or more data management services. Each client
   application is initiated by the user interface in response to a
   customer selection and provides an interface to a corresponding data
   management service selected by the customer. **One** or more secure
   servers located between the customer workstation and the enterprise
   provide a secure transportation of data transactions between the user
   interface and the secure servers. The secure servers further **forward**
   the **data   transactions** processing at the enterprise. At least **one**
   dispatch **server** is located at the enterprise to receive the data
   transactions from the secure servers through a firewall. The dispatch
   server further verifies the customer's access to the system and
   determines one of the data management services in the enterprise to
   which the data transactions need be routed processing. **One** or more
   application **servers** provide the **one** or more data management
   services offered by the enterprise. The application servers receive the
   data transactions from the dispatch server for processing and
   forwarding response transactions back to the one or more client
   applications for presentation to the customer via the dispatch server
   and the secure servers. The customer is enabled at the customer site to
   request and receive the data management services from the enterprise
   according to the customer's entitlements in a secure **Internet** -based
   computing environment.
     USE - The integrated data management system provides one or more

data management services from an enterprise over the Internet to a
customer has a workstation at a customer site.
ADVANTAGE - Provides connectivity to enterprise legacy systems
providing data management services over the public Internet , as the
Internet provides access connectivity world wide via the TCP/IP
protocol, without a need to navigate various telephone exchanges,
dialing standards or signal standards.
DESCRIPTION OF DRAWING(S) - The drawing shows the software
architecture component comprising a three tiered structure.
pp; 195 DwgNo 1/27
Derwent Class: T01; W01
International Patent Class (Main): G06F-009/455
International Patent Class (Additional): G06F-013/00

11/7/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

013254792   **Image available**
WPI Acc No: 2000-426675/200037
 Goods selling assistance procedure for online   shopping **using**
  internet, **involves classifying customers based on goods** purchasing
 details and accordingly stored   data **is accessed**
Patent Assignee: KAWATETSU JOHO SYSTEM KK (KAWA-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000148848	A	20000530	JP 98318232	A	19981110	200037	B

Priority Applications (No Type Date): JP 98318232 A 19981110
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000148848	A		7	G06F-017/60	

Abstract (Basic): JP 2000148848 A
NOVELTY - The goods purchasing details of each customer is
acquired, based on which the customers are classified relevant to
common goods with differing sales conditions. The classified data is
forwarded to the server (3). The stored data is accessed based on the
purchasing detail and compared relevant to goods, for recognizing the
customers.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
the goods selling assistance system.
USE - For **online**   **shopping** using **internet** .
ADVANTAGE - Increases selling performance with reduced selling
expenses, by acquiring the purchase details correctly.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
the goods selling assistance system.
Server (3)
pp; 7 DwgNo 1/3
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G07G-001/14

11/7/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

013203190   **Image available**
WPI Acc No: 2000-375063/200032
 Electronic merchandising system for processing sales transaction, has
 order processing module which includes order initialization component to
 initialize key value pair having sales transaction information
Patent Assignee: MICROSOFT CORP (MICR-N)
Inventor: BLINN A; COHEN M A; LORTON M; STEIN G J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No   Kind ●●e   Applicat No   Kind   Dat●   Week
US 6058373   A   20000502   US 96732205   A   19961016 200032 B

Priority Applications (No Type Date): US 96732205 A 19961016
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6058373 A   41 G08B-009/00

Abstract (Basic): US 6058373 A

        NOVELTY - An order which includes set of key-value pairs having
     sales **transaction   information** , is **stored** in a hard disk. An order
     processing module which is executed by a processor, is configured to
     receive order and process the key value. The module also includes order
     initialization component which initializes the key value pairs.
        USE - For processing electronic **sales** transaction through
     Internet , WWW .
        ADVANTAGE - Allows merchant to create electronic orders which are
     easily adaptable for different sales situation, and allows merchants to
     easily customize the electronic merchandising system. Enable merchants
     to add new key-value pairs or delete existing key-value pair to modify
     electronic merchandising system. Since the components communicate with
     each other by storing information in the order the system requirements
     needed to support inter component communication is reduced.
        DESCRIPTION OF DRAWING(S) - The figure shows high level block
     diagram illustrating electronic merchandising system.
        pp; 41 DwgNo 1/16
Derwent Class: T01; T05; W05
International Patent Class (Main): G08B-009/00

11/7/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

013177607   **Image available**
WPI Acc No: 2000-349480/200030
 Remote communication link establishing system for online **goods
 marketing and** shopping **has controller, which permits access of data
 from central facility through remote facility and provides transaction
 data**
Patent Assignee: WREN S C (WREN-I)
Inventor: WREN S C
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6055514	A	20000425	US 92855099	A	19920320	200030	B
			US 9351743	A	19930422		
			US 94264184	A	19940622		
			US 94268309	A	19940629		
			US 96668561	A	19960621		

Priority Applications (No Type Date): US 96668561 A 19960621; US 92855099 A
   19920320; US 9351743 A 19930422; US 94264184 A 19940622; US 94268309 A
   19940629
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6055514 A   12 G06F-017/60   CIP of application US 92855099
                                      Cont of application US 9351743
                                      CIP of application US 94264184
                                      CIP of application US 94268309

Abstract (Basic): US 6055514 A

        NOVELTY - Each customer at remote communication facility (14)
     access the multimedia data relative to various goods and services,
     through respective computers (18). A controller permits the access of
     data from computer (32) in the central facility (12) through computer
     (18). Based on the access, required **transaction   data** is **forwarded**

DETAILED DESCRIPTION - The multimedia data representing goods service and other details is stored in the database of central facility. Different data relevant to the request offered by the facility (14) is output using hypertext application software. The stopping point in the customer's browsing database is recognized based on which the browsing is continued. The data is browsed according to the model and manufacturing details of each goods selected by the customer. After each transaction, the customer profile is updated periodically.

USE - For **online** goods marketing, **shopping** and financing services, to provide sales assistance to cars, boats, motorcycles, furniture, real estate and providing travel packages, entertainment, service contracts investments, employment service etc.

ADVANTAGE - Facilitates customer to obtain relevant assistance for each service, thereby sales promotion and customer service are improved. Reduces costs associated with the marketing and administering various products, due to centralized administration of selling of products. Enables retrieving desired data without need for sales or service representative thereby raises transaction privacy of customers. Quick scrutinizing of desired candidates for job assignment is possible, due to centralized browsing.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of remote communication link establishing system.

Central facility (12)
Remote facility (14)
Computers (18,32)
pp; 12 DwgNo 1/1

Derwent Class: T01
International Patent Class (Main): G06F-017/60

11/7/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

013102775   **Image available**
WPI Acc No: 2000-274646/200024
 Purchase data management apparatus for supervising goods bought online
Patent Assignee: NIPPON DENKI IDO TSUSHIN KK (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000057212	A	20000225	JP 98219404	A	1998080	200024	B

Priority Applications (No Type Date): JP 98219404 A 19980803
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000057212	A		4	G06F-017/60	

Abstract (Basic): JP 2000057212 A
NOVELTY - A computer (32) inside the residence (30) of a buyer, has a software (S1) for managing purchase data (D1) based on a purchase data file (D2). A purchase data converter (22) transforms the purchase data to a predetermined format of the **purchase** data file. A **store** (10) has a **purchase** data transmitter (12) connected to the **internet** for sending the **purchase** data.

USE - For supervising goods bought online.

ADVANTAGE - Eliminates troublesome input operation when managing purchase data. Ensures easy management of purchase data. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a **purchase** data management apparatus. (10) **Store** ; (12) **Purchase** data transmitter; (22) **Purchase** data converter; (30) Residence; (32) Computer; (D1) Purchase data; (D2) Purchase data file; (S1) Software.

Dwg.1/1
Derwent Class: T01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-013/00

11/7/5   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

013030260   **Image available**
WPI Acc No: 2000-202111/200018
 **Purchase information management system, calls purchase information on
 buyer relevant to purchase of goods, that is recorded in network
 directory and then displays it**
Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000040100	A	20000208	JP 98208825	A	1998072	200018	B

Priority Applications (No Type Date): JP 98208825 A 19980724
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000040100	A		9	G06F-017/60	

Abstract (Basic): JP 2000040100 A
     NOVELTY - Purchase information on the buyer (2) relevant to
 purchase of goods (1), is stored in a register (4) installed at store
 side and then forwarded. A network directory (7) records the **forwarded
 purchase information** and assigns it to every buyer, so that
 purchase information on directory is called to a terminal (9) and then
 displayed.
     USE - Is installed at convenience **stores** for managing **purchasing
 information** sent through **Internet** .
     ADVANTAGE - As communication is performed via cable or wireless
 communication circuit, even if it is in remote place or mobile unit,
 purchase information can be called to the terminal. When **forwarding
 purchase information** on buyer relevant to **purchase** of goods, that
 information is recorded in register of **store** side, thus **purchase
 information** can be read out depending on necessity of store side.
     DESCRIPTION OF DRAWING(S) - The figure shows block diagram of purchase
 information management system. (1) Goods; (2) Buyer; (4) Register; (7)
 Network directory; (9) Terminal.
     Dwg.1/6
Derwent Class: T01
International Patent Class (Main): G06F-017/60

 11/7/6   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012733910   **Image available**
WPI Acc No: 1999-540027/199945
 **Computer-implemented method for recovering tax revenue for multiple
 jurisdictions**
Patent Assignee: TARICANI J F (TARI-I); INTERSTATE SOLUTIONS LLC (INTE-N)
Inventor: TARICANI J F
Number of Countries: 084 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9940528	A1	19990812	WO 99US1478	A	19990209	199945	B
AU 9926530	A	19990823	AU 9926530	A	19990209	200005	
US 6016479	A	20000118	US 9874357	A	19980210	200011	
			US 9876502	A	19980302		
			US 9882554	A	19980421		
			US 9878616	A	19980514		

Priority Applications (No Type Date): US 9878616 A 19980514; US 9874357 A
   19980210; US 9876502 A 19980302; US 9882554 A 19980421
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes

WO 9940528   A1 E 4●06F-017/60   ●
    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
    LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
    TJ TM TR TT UA UG UZ VN YU ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
AU 9926530   A   G06F-017/60   Based on patent WO 9940528
US 6016479   A   G06F-017/60   Provisional application US 9874357
                                      Provisional application US 9876502
                                      Provisional application US 9882554

Abstract (Basic): WO 9940528 A1
      NOVELTY - The recovery of tax revenue currently not being recovered
   is implemented by storing data in a database (2) indicating interstate
   sales, transactions on which a seller does not collect a designated
   tax, such as sales tax.
      DETAILED DESCRIPTION - A database hosted on a computer-readable
   medium is populated with data of interstate sales transactions made by
   respective purchasers from multiple jurisdictions for which no
   designated tax has been paid. A tax notice is sent to one of the
   respective **purchasers** based on the **data** of the sales **transactions
   stored** in the database. INDEPENDENT CLAIMS are included for; a system
   for recovering tax revenue for multiple jurisdictions.
      USE - Assisting in the recovery of taxes due on interstate sales,
   including mail **order** and **Internet** **sales** , on which no tax was
   collected at the time of sale or subsequently remitted by a purchaser.
      ADVANTAGE - Collects simplified tax and appropriately routes
   collected revenue to appropriate government agency.
      DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of an
   overall system configuration of the invention.
      Network computer (1)
      Database (2)
      Input mechanism (3)
      Revenue agency (4)
      pp; 44 DwgNo 1/12
Derwent Class: T01; W01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): H04L-009/00

 11/7/7   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012224565   **Image available**
WPI Acc No: 1999-030671/199903
   On- line   shopping **terminal equipment for** Internet - **has purchase
 order transmitter to transmit** stored   purchase **order** information **by
 communication circuit via modem**
Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10293793	A	19981104	JP 97103421	A	19970421	199903	B

Priority Applications (No Type Date): JP 97103421 A 19970421
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10293793	A		19	G06F-017/60	

Abstract (Basic): JP 10293793 A
      The equipment has a receiving unit (11) to receive advertising
   information (101) from a broadcast receiving device (2). The broadcast
   device receives information from a broadcasted wave. A selection unit
   (12) selects the advertised goods based on selection information from
   selection information storage unit (14). A storage unit (13) classifies
   the advertised goods and stores it in a table.

A display uni⬤15) displays the purchase orde⬤hosen by an user
using the classif⬤d advertising goods. Purchase o⬤r generation and
storage units (16,17) generate and **store** **purchase** order
information (102) on desired goods displayed by the display unit. A
purchase order transmitter (18) transmits the **stored** **purchase** order
information by a communication circuit via a modem (3).
ADVANTAGE - Reduces time and communication cost.
Dwg.1/20
Derwent Class: T01; W02
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-013/00; H04N-007/173

11/7/8   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011865008   **Image available**
WPI Acc No: 1998-281918/199825
Goods order processing method using client-server network for online
shopping - **by checking existence of goods to be purchased and after**
designation of all goods, order information is forwarded from client to
server
Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10097567	A	19980414	JP 96251767	A	19960924	199825	B

Priority Applications (No Type Date): JP 96251767 A 19960924
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10097567	A		11	G06F-017/60	

Abstract (Basic): JP 10097567 A
The method involves referring goods information stored in a client
terminal. The order is placed to a server via a communication circuit.
The client **stores** order **information** on goods to be **purchased**
by the user after detecting the existence of goods. After designating
all the goods to be purchased by the user, the order information is
forwarded to the server.
ADVANTAGE - Reduces queuing time of forwarding data. Improves
operativity. Reduces communication cost. Offers order cancellation
facility.
Dwg.1/10
Derwent Class: T01
International Patent Class (Main): G06F-017/60

11/7/9   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011518321   **Image available**
WPI Acc No: 1997-494807/199746
Online shopping **support method using PC communication network -**
involves transmission of data, showing that amount of consumed goods by
user exceeds allowed consumption amount, to service utilisation system
when user exceeds allowable consumption amount
Patent Assignee: HITACHI LTD (HITA)
Inventor: ISHIKAWA T; KAGAMI A; ONO T; SUDO M
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9231264	A	19970905	JP 9636697	A	19960223	199746	B
US 5909023	A	19990601	US 97802997	A	19970221	199929	

Priority Applications (No Type Date): JP 9636697 A 19960223

Patent Details:
```
Patent No   Kind Lan P●  Main IPC      Filing Notes      ●
JP 9231264    A      13 G06F-017/60
US 5909023    A         G06K-005/00
```

Abstract (Basic): JP 9231264 A
>   The method involves **storing** of user **purchasing** log **data** in a service offering system. When a user identification data from a service utilisation system is transmitted to the service offering system, the purchasing log data corresponding to the user identification data is searched. When the purchasing log data corresponding to the user identification data is searched, a service utilisation system is displayed on the service utilisation system side.
>
>   As the user orders, the amount of goods consumed by the user is calculated. When the total amount of goods consumed by the user exceeds the allowed consumption amount for a day, data showing that consumed amount of goods exceeds the allowed consumption amount, is transmitted to the service utilisation system. The data, showing that consumed amount of goods exceeds the allowed consumption amount, is transmitted to the service utilisation system by the service offering system through a communication network.
>
>   ADVANTAGE - Enables user to quickly and accurately know amount of goods that he consumed. Enables high-speed service providing since amount of goods that user consumes is automatically calculated.
>   Dwg.1/17

Derwent Class: T01
International Patent Class (Main): G06F-017/60; G06K-005/00

11/7/10   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011462378   **Image available**
WPI Acc No: 1997-440285/199741
   Online **transaction apparatus for** purchasing **of goods using communication centre connected to telephone circuit - has communication controller which receives predetermined data sent in routine manner by communication centre in which payment data and contents of transactions related to cash amount are transmitted**
Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)
Number of Countries: 001 Number of Patents: 001
Patent Family:
```
Patent No     Kind   Date     Applicat No   Kind   Date     Week
JP 9198440    A      19970731 JP 968856     A      19960123 199741  B
```

Priority Applications (No Type Date): JP 968856 A 19960123
Patent Details:
```
Patent No   Kind Lan Pg   Main IPC     Filing Notes
JP 9198440    A       6 G06F-017/60
```

Abstract (Basic): JP 9198440 A
>   The apparatus (1) has a memory (2) for **transaction** which **stores data** related to a **transaction** object. A display device (3) shows the data stored in the memory. An input component (4) inputs the contents of transactions based on the contents of display of the display device. A calculator (5) computes the cash amount of transactions based on the contents of the input transactions.
>
>   A payment processor (6) processes the payment of the cash amount of the transactions. A circuit provides payment data and the contents of the transactions from a communication controller (7). The payment data and the contents of transaction are transmitted to a communication centre. The predetermined data sent at a routine manner is received by the communication controller.
>
>   ADVANTAGE - Performs reliable online transactions to transacting person by simple operation. Newest goods can be ordered even if in case transacting person is in geographically separated place. Registration of credit card for communication centre becomes unnecessary. Prevents

risk of using cre● card by another person.
        Dwg.1/4
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-019/00; G07D-009/00;
  G07G-001/14

   11/7/11   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011382925   **Image available**
WPI Acc No: 1997-360832/199733
  **Computer aided analysis method of goods selling promotion effect in
  departmental store - involves performing registration of purchase
  information from customers and actual purchase information and their
  analysis with customer identification**
Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9153094	A	19970610	JP 95313839	A	19951201	199733	B

Priority Applications (No Type Date): JP 95313839 A 19951201
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9153094	A		22		

Abstract (Basic): JP 9153094 A
     The method involves performing registration of information
  pertaining to customers. The customer attribute information is
  identified with customer identifier. An information providing log
  stores information relating to goods referred to by the customer
  beforehand. A **purchase** log **stores** corresponding **information**
  during actual **purchase** by customers.
     The customer attribute information providing log and purchase log
  are searched using customer identification. The selling promotion
  effect of goods recorded in information providing log is analysed.
     ADVANTAGE - Increases efficiency in design of selling promotion.
  Aids decision making in goods arrangement, **online**   **shopping** .
  Analyses selling promotion effect effectively.
     Dwg.1/19
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G07G-001/12

   11/7/12   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

06375143   **Image available**
  ONLINE   SHOPPING METHOD

PUB. NO.:   11-316777 [JP 11316777 A]
PUBLISHED: November 16, 1999 (19991116)
INVENTOR(s):   HONGO HITOSHI
APPLICANT(s): SANYO ELECTRIC CO LTD
APPL. NO.:   10-123427 [JP 98123427]
FILED: May 06, 1998 (19980506)

                        ABSTRACT
PROBLEM TO BE SOLVED: To enjoy **online**   **shopping** service even about an
article whose product value is changed according to date and hour by
transmitting differential information that is updated while connecting to a
host computer to place an order to an information terminal and changing
order content based on the latest article information.

SOLUTION: A user selects a article the user wants to purchase based on a
 data   base of an article information **storing** part 18 of an information
terminal 12 and produces a purchase order with a purchase order producing
device 20. The user requests connection to a host computer 14 and transmits
a connectable instruction if connection reception with the terminal 12 does
not exist. When the latest information of an article data base about the
purchase order and the ordered article is transmitted to the computer 14
and the ordered article can not be received, if user's information is new
is decided and if it is 'NO', the matter that the article information is
old is notified to the user and a differential information producing device
22 produces and transmits differential information. The user updates the
article data base stored in the device 20 based on the differential
information.

COPYRIGHT: (C)1999,JPO

 11/7/13   **(Item 2 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

05616464   **Image available**
 ON LINE   SHOPPING SUPPORT METHOD AND SYSTEM

PUB. NO.:   09-231264 [JP 9231264 A]
PUBLISHED: September 05, 1997 (19970905)
INVENTOR(s):   ONO TOSHIYUKI
                ISHIKAWA TOMOMU
                SUDO MITSUO
                KAGAMI AKIRA
APPLICANT(s):   HITACHI LTD [000510] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   08-036697 [JP 9636697]
FILED: February 23, 1996 (19960223)

ABSTRACT
PROBLEM TO BE SOLVED: To provide a proper service in response to the
individual needs of users by calculating the purchase interval of every
commodity based on the commodity **purchase** history **information** which are
 stored for every user and estimating the time when the demand is made for
every commodity.
SOLUTION: When a user starts the **on -line**   **shopping** , he inputs a user
identifier via an input device 222 of a client device 220. A server device
210 inputs the user identifier received from the device 220 to retrieve the
user's **purchase** history **information** out of those that are **stored** in a
storage 212 in response to the user identifier and calculates the purchase
intervals of commodities which are purchased by the user in the past. Then
the device 210 decides whether a period that is equivalent to the
calculated purchase interval has passed from the latest date of purchase
for every commodity. Then the information on the commodities whose purchase
interval periods have passed are sent to the device 220 via a communication
network 230 and displayed on an output device 223.

 12/7/1   **(Item 1 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012448676   **Image available**
WPI Acc No: 1999-254784/199921
 Data management service provision over the Internet
Patent Assignee: BARRY B R (BARR-I); CHODORONEK M A (CHOD-I); DEROSE E
   (DERO-I); GONZALES M N (GONZ-I); JAMES A R (JAME-I); LEVY L (LEVY-I);
   TUSA M (TUSA-I); REILLY B B (REIL-I)
Inventor: BARRY B R; CHODORONEK M A; DEROSE E; GONZALES M N; JAMES A R;
   LEVY L; TUSA M
Number of Countries: 025 Number of Patents: 003
Patent Family:

Abstract (Basic): WO 9915960 A2

   NOVELTY - Application servers receive data transactions from a
dispatch server for processing and forwarding response transactions
back to one or more client applications for presentation to the
customer via the dispatch server and secure servers. The customer is
enabled at the customer site to request and receive the data management
services from the enterprise the customer's entitlements in a secure
Internet-based computing environment.

   DETAILED DESCRIPTION - The integrated data management system
includes a user interface executable in a customer workstation located
at the customer site to authenticate the customer's access to the
integrated data management system. The user interface further presents
one or more data management services according to a customer
entitlement for the customer to select. One or more client applications
represent the one or more data management services. Each client
application is initiated by the user interface in response to a
customer selection and provides an interface to a corresponding data
management service selected by the customer. **One** or more secure
servers located between the customer workstation and the enterprise
provide a secure transportation of data transactions between the user
interface and the secure servers. The secure servers further **forward**
the **data transactions** processing at the enterprise. At least **one**
dispatch **server** is located at the enterprise to receive the data
transactions from the secure servers through a firewall. The dispatch
server further verifies the customer's access to the system and
determines one of the data management services in the enterprise to
which the data transactions need be routed processing. **One** or more
application **servers** provide the **one** or more data management
services offered by the enterprise. The application servers receive the
data transactions from the dispatch server for processing and
forwarding response transactions back to the one or more client
applications for presentation to the customer via the dispatch server
and the secure servers. The customer is enabled at the customer site to
request and receive the data management services from the enterprise
according to the customer's entitlements in a secure Internet-based
computing environment.

   USE - The integrated data management system provides one or more
data management services from an enterprise over the Internet to a
customer has a workstation at a customer site.

   ADVANTAGE - Provides connectivity to enterprise legacy systems
providing data management services over the public Internet, as the
Internet provides access connectivity world wide via the TCP/IP
protocol, without a need to navigate various telephone exchanges,
dialing standards or signal standards.

   DESCRIPTION OF DRAWING(S) - The drawing shows the software
architecture component comprising a three tiered structure.

   pp; 195 DwgNo 1/27

DIALOG(R)File 350:Derwent

011066616   **Image available**
WPI Acc No: 1997-044540/199705
 **Distributed customer information control system apparatus - includes
 transaction start table which sorts transaction start data representing
 transactions whose execution has been requested**
Patent Assignee: TANDEM COMPUTERS INC (TAND)
Inventor: DE ROO J S; HOTEA A E; PHILLIPS M; VELASCO D G; VELASCO D
Number of Countries: 008 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 747812	A2	19961211	EP 96303648	A	19960522	199705	B
CA 2176905	A	19961208	CA 2176905	A	19960517	199715	
JP 9044461	A	19970214	JP 96145730	A	19960607	199717	
US 5630133	A	19970513	US 95479702	A	19950607	199725	

Priority Applications (No Type Date): US 95479702 A 19950607
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 747812	A2	E	20	G06F-009/46	

   Designated States (Regional): DE FR GB IT SE

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9044461	A		19	G06F-015/16	
US 5630133	A		17	G06F-013/00	
CA 2176905	A			G06F-017/60	

Abstract (Basic): EP 747812 A
     The distributed computer system apparatus includes a group of end
 terminals and a series of server computers. Many application processes
 are distributed over the server computers. A transaction start table is
 stored on a first server computer. The transaction table sorts
 transaction start data representing transactions whose execution has
 been requested by other transactions and indicates a start condition
 for each transactions execution.
     The user application processes are responsive to the execution of a
 start transaction instruction and generate and store a transaction
 start record in the table which represents a transaction whose
 execution has been requested. A transaction start process is executed
 on **one** of the **server** computers and coupled to the transaction start
 table. The transaction start process evaluates the start condition for
 each transaction whose execution has been requested. When the start
 condition for one of the transactions is satisfied the execution of the
 requested transaction by a user application is initiated.
     USE/ADVANTAGE - Transactions are assigned based on available
 processor resources without regard to potential or known need of
 transactions to share content.
     Dwg.1/9
Abstract (Equivalent): US 5630133 A
     A method of operating a distributed computer system having a
 plurality of end user terminals and a plurality of server computers;
 said server computers including a multiplicity of user application
 processes distributed over said plurality of server computers; the
 steps of the method comprising:
     storing a transaction start table on a first **one** of said **server**
 computers, including **storing   transaction** start **data** representing
 transactions whose execution has been requested by other transactions
 being executed by said user application processes; said transaction
 start data indicating a start condition for each said transaction whose
 execution has been requested;
     whenever any executing transaction executes a Start transaction
 instruction, generating and storing a transaction start record in said
 transaction start table representing a transaction whose execution has
 been requested; wherein said transaction start record is stored in said
 transaction start table on said first **one** of said **server** computers
 regardless of which **one** of said **server** computers executes said

Start transaction instruction;
executing a transaction start process on **one** said **server** computers, said transaction start process evaluating said start condition for each said transaction whose execution has been requested, and when said start condition for one of said requested transactions is satisfied, initiating execution of said one requested transaction by one of said user application processes.
Dwg.2/9
Derwent Class: T01
International Patent Class (Main): G06F-009/46; G06F-013/00; G06F-015/16; G06F-017/60
International Patent Class (Additional): G06F-012/00; G06F-013/368; G06F-015/00

12/7/3   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

05014228   **Image available**
INTER-SERVER DATA ASSOCIATION DEVICE

PUB. NO.:   07-306828 [JP 7306828 A]
PUBLISHED: November 21, 1995 (19951121)
INVENTOR(s):   FUJITA KAZUHIKO
               KAKISU TOSHIAKI
               HASHIZUME YASUHIKO
               SHINOMIYA YOSHITAKA
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   06-096681 [JP 9496681]
FILED: May 10, 1994 (19940510)

ABSTRACT
PURPOSE: To provide the inter-server data association device which performs data association with plural reception-side servers on the basis of data sent from **one** transmission-side **server** .

CONSTITUTION: Transaction information on data base operation which is sent from a main center 2 is received by an acquisition part 11 in the inter-server data association device 1. The data received by this acquisition part 11 are transferred to respective distribution buffers 12a in a distribution part 12. The distribution part 12 has information regarding the timing of data transmission that respective reception-side servers 3 require. Therefore, the distribution part 12 transfers the **transaction   information** , **stored** in the distribution buffers 12a corresponding to the respective reception-side servers 3, to the respective reception-side servers 3 at the points of time that the respective reception-side servers 3 requests them.

12/7/4   (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

04995192   **Image available**
COMMODITY SALE REGISTRATION DATA PROCESSOR

PUB. NO.:   07-287792 [JP 7287792 A]
PUBLISHED: October 31, 1995 (19951031)
INVENTOR(s):   NAGURA HIROMICHI
APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   06-080022 [JP 9480022]
FILED: April 19, 1994 (19940419)

ABSTRACT
PURPOSE: To prevent the occurrence of a loss or the like in transaction

data due to the overflow of a POS server when operation defect occurs in a store processor in a commodity sale registration data processor such as a POS system connecting plural POS **servers** to **one** store processor and connecting many POS terminals to each of these POS servers.

CONSTITUTION: **One** POS **server** 3(sub 1) is provided with a data collecting memory as a master server and a CPU or the like in the master POS server 3. is provided with a defect detecting means for detecting the operation defect of the **store** processor 2. A **data** collecting means for collecting **transaction** **data** from satellite POS servers 3(sub 2) to 3(sub n), in accordance with a detection output from the defect detecting means and storing the collected data in the data collecting memory is constituted of the CPU or the like of the master POS server 3(sub 1).
?